



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of : Confirmation No. 7678

Kazuyuki NITTA et al. : Docket No. 2001-1703A

Serial No. 09/987,718 : Group Art Unit 1756

Filed November 15, 2001 :

METHOD FOR FORMING A HOLE-
PATTERNED PHOTORESIST LAYER :

THE COMMISSIONER IS AUTHORIZED
TO CHARGE ANY DEFICIENCY IN THE
FEE FOR THIS PAPER TO DEPOSIT
ACCOUNT NO. 23-0078

INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents,
Washington, DC 20231

Sir:

Pursuant to the provisions of 37 CFR 1.56, 1.97 and 1.98, Applicants request consideration of ☒ the references listed on attached form PTO-1449 and/or ☐ the additional information identified below in paragraph 3. A legible copy of each reference listed on the form PTO-1449 and each U.S. patent application listed below is enclosed, except a copy is not provided for each reference previously cited by or submitted to the Patent Office in prior parent application Serial No. _____.

1a. ☒ This Information Disclosure Statement is submitted:

within three months of the filing date (or of entry into the National Stage) of the above-entitled application, or

before the mailing of a first Office Action on the merits or the mailing of a first Office Action after the filing of an RCE,

and thus no certification and/or fee is required.

1b. ☐ This Information Disclosure Statement is submitted

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after the events of above paragraph 1a and prior to the mailing date of a final Office Action or a Notice of Allowance or an action which otherwise closes prosecution in the application, and thus:

- (1) ☐ the certification of paragraph 2 below is provided, **or**
- (2) ☐ the fee of \$180.00 specified in 37 CFR 1.17(p) is enclosed.

1c. ☐ This Information Disclosure Statement is submitted:

after the mailing date of a final Office Action or Notice of Allowance or action which otherwise closes prosecution in the application, and prior to payment of the issue fee, and thus:

the certification of paragraph 2 below is provided, and
the fee of \$180.00 specified in 37 CFR 1.17(p) is enclosed.

1d. ☐ Each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart application and this information was not received by any individual designated in 37 CFR 1.56(c) more than 30 days prior to the filing of this Information Disclosure Statement. Accordingly, this application is entitled to the protection of 37 CFR 1.704(d) with regard to the filing of this Information Disclosure Statement.

2. It is hereby certified

- a. ☐ that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the Statement, **or**
- b. ☐ that no item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing the certification after making reasonable inquiry, was known to any individual designated in §1.56(c) more than three months prior to the filing of the Statement.

3. ☐ Consideration of the following list of additional information (including any copending or abandoned U.S. application, prior uses and/or sales, etc.) is requested.
4. For each non-English language reference listed on the attached form PTO-1449, reference is made to:
- a. ☐ a full or partial English language translation submitted herewith,
 - b. ☐ a foreign patent office search report (in the English language) submitted herewith,
 - c. ☐ the concise explanation contained in the specification of the present application at page _____,
 - d. ☒ the concise explanation set forth in the attached English language abstract,
 - e. ☐ the concise explanation set forth below or on a separate sheet attached to the reference:
5. ☐ A foreign patent office search report citing one or more of the following references is enclosed.
6. ☒ Applicants offer the following comments for consideration:
- The following references are cited:
- (a) U.S. Patent No. 6,177,226 corresponds to Japanese Patent Kokai No. 11-15151 which is cited at page 2, paragraph [0004] of the specification;
 - (b) Japanese Patent Kokai No. 6-148889;
 - (c) U.S. Patent No. 5,939,235;
 - (d) Japanese Patent Kokai No. 8-62844;
 - (e) U.S. Patent No. 5,876,900;
 - (f) Japanese Patent Kokai No. 2000-188250;

(g) European Patent Publication No. EP 1 099 983 A1; and


(h) Japanese Patent Kokai No. 2000-356850.

Enclosed herewith is a copy of each documents, of which Japanese references (b), (d), (f) and (h) are each accompanied by an English abstract thereof.

The priority date of this application is earlier than the issue date of reference (a) having two divisional patents U.S. 6,207,340 and 6,296,992. Further, the publication dates of references (g) and (h) are later than the priority date of the present application.

Respectfully submitted,

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